

## WELL COMPLETION OR RE-COMPLETION REPORT

Instructions: Within thirty days following the completion or re-completion of any well, the owner or operator shall submit this form in duplicate for wells on patented or Federal lands, and in triplicate for wells on State lands. Geological information will be held confidential for a period of twelve months if requested in writing. If multiple completion, submit separate report for each completion.

## DESIGNATE TYPE OF COMPLETION

New Well ☒ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐

Different Reservoir ☐ Oil ☐ Gas ☐ Unsuccessful ☐

## DESCRIPTION OF WELL AND LEASE

Operator

Pan American Petroleum Corporation

Address

P. O. Box 1031, Kimball, Nebraska

Well No.

17

Lease Name

P. C. Ostgren

Field and Reservoir (If wildcat, so state)

Vowers

Location

NW SW

Sec. 34

Twp. 17N

Range 54W

County

Banner

Footage Location

730

feet from (N) (S) line,

565

feet from (E) (W) line, of

SW

1/4

Spud Date

9-8-62

Date reached T.D.

9-17-62

Date Completed

10-22-62

Elevation

4732

Reference (indicate)

(KB), (C), (PP)

Total Depth

6000

P.B.T.D.

5947

Single or multiple completion

Single

Was well directionally drilled?

No

Producing interval(s) for this completion

5784-5789

Type of logs run in well

Elog

Rotary tools used (interval)

0-6000

Cable tools used (interval)

Principal Contractor

Exeter Drilling Company

## CASING RECORD

Report all strings set—surface, intermediate, production, etc.

Purpose of String	Size hole drilled	Size casing set (in. O.D.)	Weight lbs/ft.	Setting Depth	Sacks Cement
Surface	11"	8-5/8"	24	448	450
Production	7-7/8"	5-1/2"	9.5	5997	150

## LINER RECORD

Top, ft.	Bottom, ft.	Sacks Cement

## PERFORATION RECORD

Shots per Ft.	Size & Type	Depth Interval
4	Jet	5784-5789

## TUBING RECORD

Size	Setting Depth	Packer set at

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and Kind of Material Used

Depth Interval Treated

Acid x 500 gal mud acid. Displace x 22 Bbls crude press dropped from 2500# to 300# at .5 BPM. Sand oil hydrafrac - broke down thru tbg x 40 Bbls crude oil at 5 BPM at 3900# and thru csg x 30 Bbls. crude oil at 16 BPM at 2700. Frac x 16,000# 10-20 sn x 16,000 gal frac oil tailed in x 1000# 10-20 walnut hulls x 4000 gal frac oil (over)

## INITIAL PRODUCTION

Date of first production

10-22-62

Producing method (flowing, pumping, gas lift, etc.)

Pumping

RATE OF PRODUCTION PER 24 HOURS

Oil

16 bbls.

Gas

14 MCF

Water

13 bbls.

Gas-oil ratio

856 CFPB

Disposition of gas (vented, used on lease or sold)

Sold

Oil Purchaser

Indiana Oil Purchasing Company

I/We hereby swear or affirm that the statements herein made are complete and correct.

(If new well, complete well log on reverse side of form)

Signature

Area Superintendent

Title

October 29, 1962

Date

## WELL LOG

Show important formations penetrated, with tops. Detail all cores. Report all drill stem tests, giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, fluid recovery and flow rate if gas to surface during test. Attach copy of log.

Top "D" Sn 5784', T "J" Sn 5912'.

(cont'd) at 16 BPM at min 3250#, Max 3400#. Displaced x 93 Bbls. lease crude at 3200#.

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New Well ☐ Work-Over ☒ Deepen ☐ Plug Back ☐ Same Reservoir ☒

Different Reservoir ☐ Oil ☒ Gas ☐ Unsuccessful ☐

## DESCRIPTION OF WELL AND LEASE

Operator

Clinton Oil Company

Address

217 North Water Street

Well No.

17

Lease Name

P. C. Ostgren

Field and Reservoir (If wildcat, so state)

Vowers "D" Sand

Location

NW SW

Sec. 34

Twp. 17N

Range 54W

County

Banner

Footage Location

730

feet from (N) (S) line,

565

feet from (E) (W) line, of

SW

1/4

Spud Date

9/8/62

Date reached T.D.

9/17/62

Date Completed

9/20/71

Elevation

4732

Reference (indicate)

(KB), (C), (PP)

Total Depth

6000

P.B.T.D.

5842

Single or multiple completion

Single

Was well directionally drilled?

No

Producing interval(s) for this completion

5784-89 "D" Sand

Type of logs run in well

E log

Rotary tools used (interval)

0-6000

Cable tools used (interval)

Principal Contractor

Exeter

## CASING RECORD

Report all strings set—surface, intermediate, production, etc.

Purpose of String	Size hole drilled	Size casing set (in. O.D.)	Weight lbs/ft.	Setting Depth	Sacks Cement
Surface	11"	8 5/8	24	448	450
Production	7 7/8"	4 1/2	9.5	5997	150

## LINER RECORD

Top, ft.	Bottom, ft.	Sacks Cement

## PERFORATION RECORD

Shots per Ft.	Size & Type	Depth Interval
4	Jet	5784-89

## TUBING RECORD

Size	Setting Depth	Packer set at
2 3/8 EUE	5768	None

(reperforated old interval)

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and Kind of Material Used

Depth Interval Treated

Acid w/500 gal 15%. Fraced down csg w/10,000 lbs 10/20 sd and 1000 lbs 8/12 beads in 11,000 gal gelled lease crude. Max press 3400 psi. AIR 16 BPM at 2850 psi. ISIP 2300 psi. Bled to 0 in 4 hrs.

## INITIAL PRODUCTION

Date of first production

8/20/71

Producing method (flowing, pumping, gas lift, etc.)

Pumping

RATE OF PRODUCTION PER 24 HOURS

Oil

17

bbls.

Gas

30

MCF

Water

70

Gas-oil ratio

bbbls. Commission

CFPB

Disposition of gas (vented, used on lease or sold)

Used on lease

Oil Purchaser

Amoco

I/We hereby swear or affirm that the statements herein made are complete and correct.

(If new well, complete well log on reverse side of form)

Signature

Duf Production Engineer

Title

9-22-71

Date